Independent Statistics & Analysis
U.S. Energy Information Administration

FORM EIA-860

ANNUAL ELECTRIC GENERATOR REPORT

Approval: OMB No. 1905-0129
Approval Expires: 05/31/2017
Burden: 9.29 Hours

NOTICE: This report is **mandatory** under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and disclosure information, see the provisions stated on the last page of the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.**

SCHEDULE 1. IDENTIFICATION

1. Who is the survey contact?
- The survey contact is the person that completes and submits the data.

First Name	McKean	**Last Name**	Tompkins		
Title	Asset Management				
Address	3250 Ocean Park Blvd Suite 355				
City	Santa Monica	**State**	CA	**Zip Code**	90405
Phone		**Ext**		**Fax**	
Cell Phone					
Email	assetmanagement@ccrenew.com				

2. Who is the survey contact's supervisor?

First Name	Chris	**Last Name**	Frantz		
Title	Director of Asset Management				
Address	3250 Ocean Park Blvd Suite 355				
City	Santa Monica	**State**	CA	**Zip Code**	90405
Phone		**Ext**		**Fax**	
Cell Phone					
Email	assetmanagement@ccrenew.com				

3. What is the name and address of the reporting entity?

Entity Name	Hardison Farm Solar, LLC				
Entity Address	3250 Ocean Park Blvd				
City	Santa Monica	**State**	CA	**Zip Code**	90405

4. What is the reporting entity's relationship to the power plants reported on Schedule 2?
- Check all that apply.

X	**Owner**
	Operator
	Asset Manager

	Other – Explain:	

5. What type of entity is the principle owner and/or operator for the power plants reported on this form?
- Check one

	Cooperative
	Investor-Owned Utility (IOU)
X	**Independent Power Producer (IPP)**
	Municipally-Owned Utility
	Political Subdivision
	Federally-Owned Utility
	State-Owned Utility
	Industrial (principal business is not electricity generation)
	Commercial (principal business is not electricity generation)

If you have a question about the data requested on this form, email EIA-860@eia.gov (preferred) or contact one of the survey managers listed below.

Jonathan DeVilbiss
Jonathan.DeVilbiss@eia.gov
(202) 586-2992

Suparna Ray
Suparna.Ray@eia.gov
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SCHEDULE 2. POWER PLANT DATA

Complete one SCHEDULE 2 for:

- Each operable power plant;
- Each coal and nuclear plant planned for initial commercial operation within 10 years; or
- Each plant fueled by any energy source other than coal and nuclear planned for initial commercial operation within 5 years.

1. What are the plant name and EIA Plant Code for this plant?
- Leave EIA Plant Code blank if this is the first submission for this plant.

Plant Name	Hardison Farm Solar, LLC
EIA Plant Code	Assigned by EIA

2. What is this plant's physical address?
- If plant does not have a permanent physical address, note in SCHEDULE 7.

Street Address	19925 Hwy 64		
County	Martin		
City	Williamston		
State	NC	**Zip Code**	27892

3. What is this plant's latitude and longitude?
- Enter coordinates for central location in plant.
- Report latitude and longitude in decimal format.

Plant Latitude	35.83079
Plant Longitude	-77.02194

4. Which North American Electric Reliability Corporation region does this plant operate in?

SERC

5. What is this plant's balancing authority?
- A balancing authority manages supply, demand, and interchanges within an electrically defined area.

Dominion

6. What is the name of the principle water source used by this plant for cooling or hydroelectric generation?
- If from an aquifer, enter aquifer name.
- Enter "Wells" if aquifer name is unknown.
- Enter "Municipality" if water is from a municipality.
- Enter "UNK" for planned plants where water source is unknown.
- Enter "NA" for plants that do not use a water source for cooling or hydroelectric generation.

7. What is this plant's steam plant type?
- Steam plant type will be entered by EIA staff.
- Respondents completing this form via internet data collection should contact EIA if this designation is incorrect.

[ ] 1. Plants with combustible-fueled steam-electric generators with a sum of 100 MW or more steam-electric nameplate capacity (including combined cycle steam-electric generators with duct firing).

[ ] 2. Plants with combustible-fueled steam-electric generators with a sum of 10 MW or more but less than 100 MW steam-electric nameplate capacity (including combined cycle steam-electric generators with duct firing).

[ ] 3. Plants with nuclear fueled generators, combined cycle steam-electric generators without duct firing and solar thermal electric generators using a steam cycle with a sum of 100 MW or more steam-electric nameplate capacity.

[X] 4. Plants with non-steam fueled electric generators (wind, PV, geothermal, fuel cell, combustion turbines, IC engines, etc.) and electric generators not meeting conditions of categories above.

8a. Which North American Industry Classification System (NAICS) Code that best describes this plant's primary purpose?
- Select the NAICS code from Table 29 in the Instructions.
- If the NAICS code selected is not 22, answer 8b.

22

8b. Did this plant have a net metering agreement in effect during the reporting year?
- Answer ONLY if a NAICS code other than 22 was entered in 8a.

[ ] **Yes**

[ ] **No**

9a. Does this plant have Federal Energy Regulatory Commission Qualifying Facility (QF) Cogenerator status?

[ ] **Yes – Continue to Question 9b**

[X] **No – Continue to Question 10a**

9b. List all applicable QF docket number(s) granted to this plant.
- Include only numbers and dashes, excluding prefixes.

10a. Does this plant have Federal Energy Regulatory Commission Qualifying Facility (QF) Small Power Producer status?

[X] **Yes – Continue to Question 10b**

[ ] **No – Continue to Question 11a**

10b. List all applicable QF docket number(s) granted to this plant.
- Include only numbers and dashes, excluding prefixes.

14478

11a. Does this plant have Federal Energy Regulatory Commission Qualifying Facility (QF) Exempt Wholesale Generator status?

[ ] **Yes – Continue to Question 11b**

[X] **No – Continue to Question 12a**

11b. List all applicable QF docket number(s) granted to this plant.
- Include only numbers and dashes, excluding prefixes.

12a. Is there an ash impoundment (e.g. pond, reservoir) at the plant?

	Yes – Continue to Question 12b
X	**No – Continue to Question 13**

12b. Is this ash impoundment lined?

	Yes – Continue to Question 12c
	No – Continue to Question 13

12c. What was this ash impoundment's status as of December 31 of the reporting year?
- Select from Table 1 in SCHEDULE 2 Instructions.

13. Who is the current owner of the transmission lines and/ or distribution facilities that this plant is interconnected to?

Dominion

14. What is this plant's grid voltage at the point(s) of interconnection to transmission or distribution facilities?
- Enter up to three grid voltages.
- If more than three, enter three highest grid voltages.

12.47	**Kilovolts**
	Kilovolts
	Kilovolts

15. RESERVED FOR FUTURE USE

16. What is the name of the natural gas pipeline(s) that is connected to your facility?
- For plants that receive natural gas only.

NA

SCHEDULE 3. GENERATOR INFORMATION

SCHEDULE 3, PART A. GENERATOR INFORMATION – GENERATORS

Complete one SCHEDULE 3, Part A for each generator at this plant that is:

- In commercial operation;
- Capable of commercial operation but currently inactive or on standby;
- Expected to be in commercial operation within 10 years in the case of coal and nuclear generators; or
- Expected to be in commercial operation within 5 years for all generators other than coal and nuclear generators.

Plant Name

EIA Plant Code

1. What is the generator ID for this generator?
- Generator ID is the identification most commonly used by plant management to reference this generator.
- The identification code is restricted to five characters and cannot be changed once provided to EIA
- Enter unique ID for each generator.

2. What is this generator's prime mover?
- Select prime mover code from Table 2 in SCHEDULE 3, Part A Instructions.
- For combined cycle units, enter a prime mover code for each generator.

PV

3. What is this generator's unit or multi-generator code?
- A unit or multi-generator code is the unique 4-character code associated with multiple generators that operate as a single unit (such as a combined cycle unit).
- Each generator operating as a single unit should have the same unit or multi-generator code.
- Leave blank if this generator does not operate as a single unit with another generator.

4. What is this generator's ownership code?
- See Table 3 in SCHEDULE 3, Part A instructions for list of ownership codes.

S

5. Does this generator have duct burners for the supplementary firing of the turbine exhaust gas?
- Answer only for generators with a combined cycle prime mover code of CA, CS or CC.

Yes

No

6. Can this generator operate while bypassing the heat recovery steam generator?
- Answer only for generators with a combined cycle prime mover code of CT or CC.

Yes

No

7a. For this generator what is the RTO/ISO LMP price node designation?
- If this generator operates in an electric system operated by a Regional Transmission Organization (RTO) or Independent System Operator (ISO) and the RTO/ISO calculates a nodal Locational Marginal Price (LMP) at the generator location, then provide the nodal designation used to identify the price node in RTO/ISO LMP price reports.

7b. For this generator what is the RTO/ISO location designation for reporting wholesale sales data to FERC?

- If this generator operates in an electric system operated by a Regional Transmission Organization (RTO) or Independent System Operator (ISO) and the generator's wholesale sales transaction data is reported to FERC for the Electric Quarterly Report, then provide the designation used to report the specific location of the wholesale sales transactions to FERC. In many cases the RTO/ISO location designation may be the same as the RTO/ISO LMP price node designation submitted in line 7a. In these cases enter the same response in both line 7a and line 7b.

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SCHEDULE 3, PART C. GENERATOR INFORMATION – PROPOSED GENERATORS

Complete one SCHEDULE 3, Part C for:

- Each coal or nuclear generator expected to be in commercial operation within 10 years at this plant; and
- Each generator fueled by any other primary energy source planned for initial commercial operation within 5 years at this plant.

Plant Name

EIA Plant Code

1a. What is the expected nameplate capacity for this generator?

- Report the highest value in megawatts as measured in alternating current.
- If capacity is expressed in kilovolt amperes, convert to megawatts using formula in SCHEDULE 3, Part C of the instructions.
- Round nameplate capacity to the nearest tenth.

5.28 **Megawatts**

1b. What is this generator's expected nameplate power factor?

- Use the same power factor as the one used to convert the generator's kilovolt ampere measure to megawatts in Question 1a.

PV

2. What is the expected net capacity for this generator?

- Report the expected net summer capacity and expected net winter capacity for primary fuel source.
- Report in megawatts as measured in alternating current.
- Round capacity to nearest tenth.

Expected Net summer capacity	**5.28**	**Megawatts**
Expected Net winter capacity	**5.28**	**Megawatts**

3. What was the status of this proposed generator as of December 31 of the reporting year?

- Select a status code from those listed in Table 6, SCHEDULE 3, Part C Instructions.

T

4. What is the planned original effective date for this generator?

- The planned original effective date is the date that this generator was scheduled to enter operation after construction was completed.
- This date should only be reported once, and should not change once it is reported.

07-2016 **(MM-YYYY)**

5. What is the planned current effective date for this generator?

- The planned current effective date is the date that this generator is scheduled to start operation.

(MM-YYYY)

6. Will this generator be associated with a combined heat and power system?

Yes

No X

7. Is this generator part of a site that was previously reported as indefinitely postponed or cancelled?

Yes

No X

Unknown

8. What is the predominant expected energy source for this generator?

- Enter the energy source code for the fuel used in the greatest quantity to fuel this generator, as measured in Btus.
- Select this energy source code from Table 28 in the instructions.

SUN

9. What is the second most predominant expected energy source for this generator?

- Enter the energy source code for the fuel expected to be used in the second greatest quantity to fuel this generator, as measured in Btus.
- Select this energy source code from Table 28 in the instructions.

10. What other energy sources do you expect to use for this generator?

- Enter the energy source codes for all other fuels you expect this generator to use in descending order as measured in Btu.
- Select energy source code(s) from Table 28 in the instructions.

11. How many turbines, inverters, or hydrokinetic buoys is this generator expected to have?

6

12. What combustion technology will apply to this generator?

- Answer only if this generator will be fueled by coal or petroleum coke.

Fluidized Bed

Pulverized Coal

Stoker

Other – Explain in SCHEDULE 7

13. What steam conditions will apply to this generator?

- Answer only if this generator will be fueled by coal or petroleum coke.

Sub-Critical

Super-Critical

Ultra Super-Critical

14. Will this generator be part of a solid fuel gasification system?

Yes

No X

15. Will this generator be associated with a carbon dioxide capture process?

Yes

No X

Note: ***Co-firing*** means the simultaneous use of two or more fuels by a single combustion system to meet load. ***Fuel switching*** means the ability of a combustion system running on one fuel to replace that fuel in its entirety with a substitute fuel. Co-firing and fuel switching exclude the limited use of a secondary fuel for start-up or flame stabilization

16. Will the combustion system that powers this generator be able to switch between natural gas and oil?

Yes

No X

Undetermined

17a. Will this generator co-fire fuels?

Yes

No X

17b. What will be the fuel options for co-firing?

- Select up to six energy source code(s) from Table 28 in the instructions

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SCHEDULE 4. OWNERSHIP OF GENERATORS OWNED JOINTLY OR BY OTHERS

Complete one SCHEDULE 4 for each operable or planned generator that is:

- Jointly owned; or
- Wholly owned by another entity.

The total percentage of ownership reported on SCHEDULE 4 must equal 100 percent.

Plant Name

EIA Plant Code

Generator ID

Name of Owner	Owner's Address				EIA Owner Code	Percent of Generator Owned
	City	State	ZIP Code			
Total Percent of Generator Owned						**100**

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SCHEDULE 7. COMMENTS
(Use Additional Pages if Necessary)

SCHEDULE NUMBER	PART (If Applicable)	QUESTION NUMBER	COMMENTS (Include all identifying codes such as plant code, generator ID, or boiler ID to which the comment applies)